

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012740**Date Inspected:** 14-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Xu Xian Ping			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:			

Summary of Items Observed:

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China.

In- Process Inspections:

Welding on to temporary attachment areas at 7AE to 7BE side plate transverse splice weld, bike path side.

Flush grinding of the 7BW to 7CW side plate transverse splice weld, counterweight side.

Grinding of temporary attachment welds on the 7AE to 7BE side plate transverse splice weld, cross beam side.

Flush grinding of temporary attachment weld repairs on the 7AE to 7BE side plate transverse splice weld, bike path side.

Flush grinding of UT indication repair welds, on section 7AE, Edge plate to Deck plate, cross beam side.

Blasting operations to sections 6A, B, and C East and West.

Back gouging of 7BE to 7CE deck panel splices, cross beam side.

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Flush grinding of weld profile on the 7BE to 7CE side plate transverse splice weld, cross beam side.

Flush grinding of weld profile on the 7AE to 7BE bottom plate transverse splice weld.

ZPMC UT of LD to Floor Beam welds. Indication were noted by ZPMC technicians, and marked for repair on the part. Technicians were identified as Xu Rong Gang and Tang Xing Shan.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Barrentine,Daniel	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
